

Appl. No. 10/709,845
Amdt. dated February 15, 2006
Reply to Office action of November 16, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

5 **Listing of Claims:**

Claim 1 (currently amended): A light source module comprising:

- a light source for generating light beams;
 - a first lens array positioned on a side of the light source; and
 - an invisible-light cut filter positioned on a side of the first lens array away from the
- 10 light source, ~~the invisible-light cut filter being nonparallel with the first lens array~~ the invisible-light cut filter and a direction parallel with the first lens array having an included angle, and the included angle being about 11 to 45 degrees.

Claim 2 (original): The light source module of claim 1 further comprising a second lens
15 array positioned on the same side of the light source as the first lens array.

Claim 3 (original): The light source module of claim 2, wherein the second lens array is positioned on a side of the invisible-light cut filter away from the light source.

20 Claim 4 (original): The light source module of claim 1 further comprising a PS converter positioned on a side of the invisible-light cut filter away from the light source.

Claims 5-6 (canceled).

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Claim 7 (original): The light source module of claim 1, wherein the invisible-light cut filter is used for reflecting ultraviolet (UV) and infrared (IR) light of the light beams.

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Claim 8 (original): The light source module of claim 1, wherein the light source is an extra-high pressure mercury lamp.

- 5 Claim 9 (original): The light source module of claim 1 further comprising a light source housing surrounding a portion of the light source for reflecting the light beams so that the light beams propagate toward the first lens array.

- 10 Claim 10 (original): The light source module of claim 1, wherein the light source module is applied to a projector.

- Claim 11 (currently amended): A light source module of a projector comprising:
a light source for generating light beams;
a first lens array positioned on a side of the light source;
15 a second lens array positioned on a side of the first lens array away from the light source; and
an invisible-light cut filter positioned between the first lens array and the second lens array, the invisible-light cut filter and a direction parallel with the first lens array having an included angle, and the included angle ~~being an acute angle~~ being about 11 to 45
20 degrees.

Claim 12 (canceled).

- 25 Claim 13 (original): The light source module of claim 11 further comprising a PS converter positioned on a side of the second lens array away from the light source.

Claim 14 (original): The light source module of claim 11, wherein the invisible-light cut filter is used for reflecting UV and IR light of the light beams.

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Claim 15 (original): The light source module of claim 11, wherein the light source is an extra-high pressure mercury lamp.

- 5 Claim 16 (original): The light source module of claim 11 further comprising a light source housing surrounding a portion of the light source for reflecting the light beams so that the light beams propagate toward the first lens array.

- 10 Claim 17 (new): The light source module of claim 1, wherein the invisible-light cut filter reduces an amount of light reflected back to the light source.

- Claim 18 (new): The light source module of claim 9, wherein the invisible-light cut filter reduces an amount of light reflected back to the portion of the light source surrounded by the light source housing.

- 15 Claim 19 (new): The light source module of claim 11, wherein the invisible-light cut filter reduces an amount of light reflected back to the light source.

- 20 Claim 20 (new): The light source module of claim 16, wherein the invisible-light cut filter reduces an amount of light reflected back to the portion of the light source surrounded by the light source housing.